Make your own aquarium.
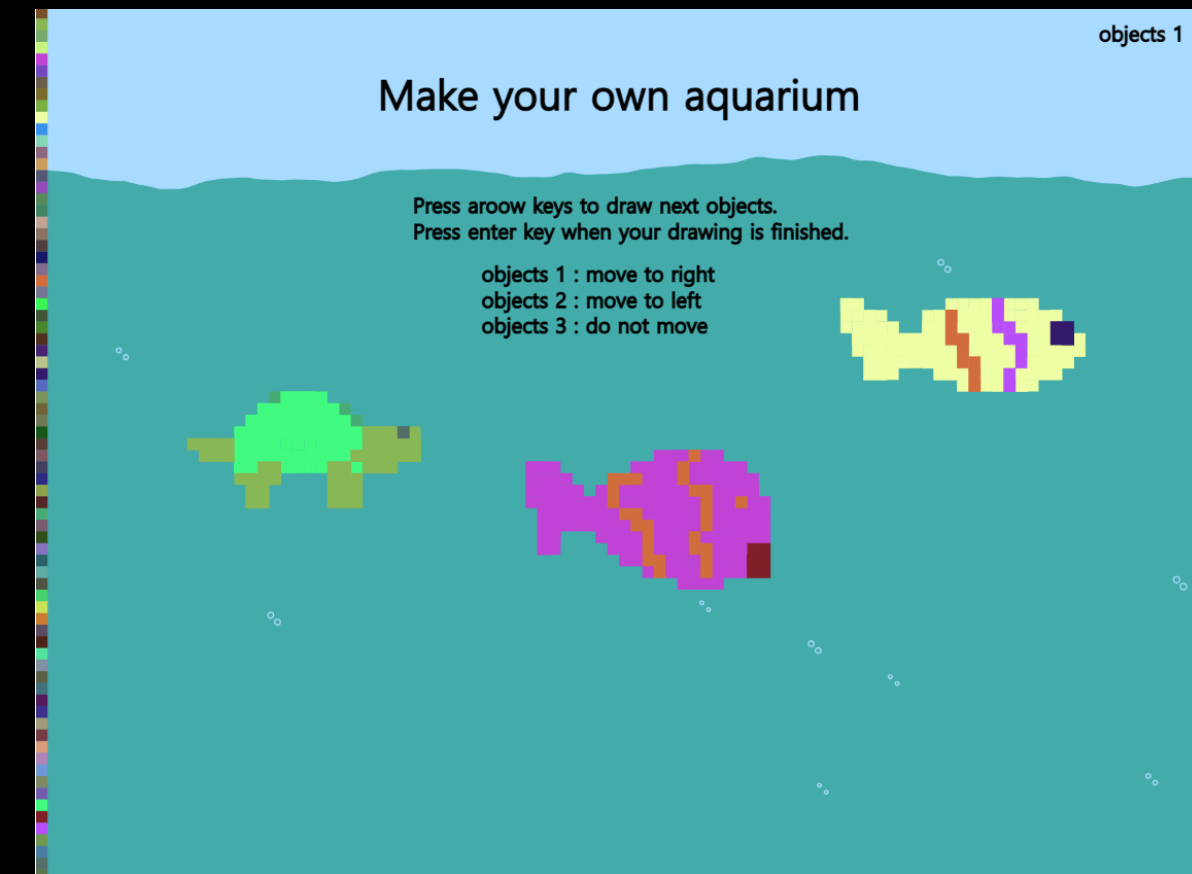
20191098 백승주

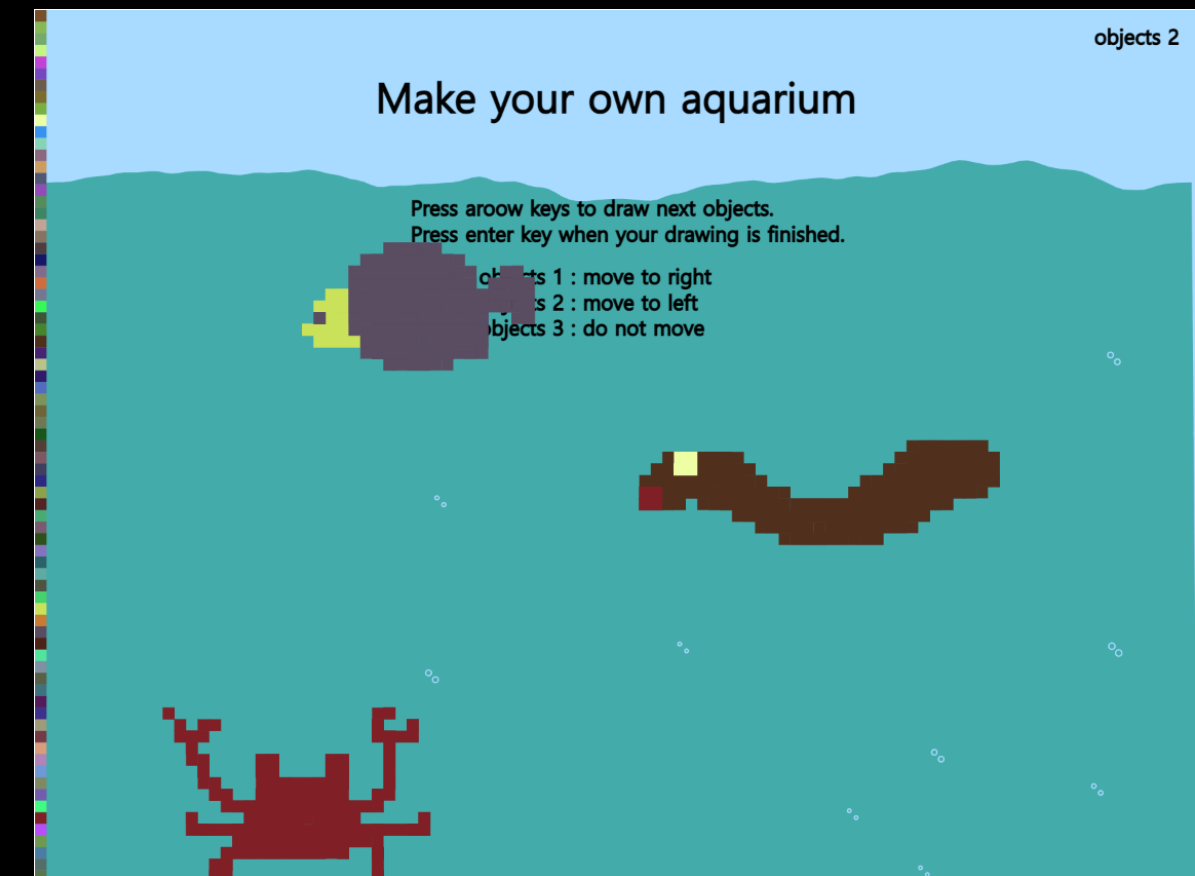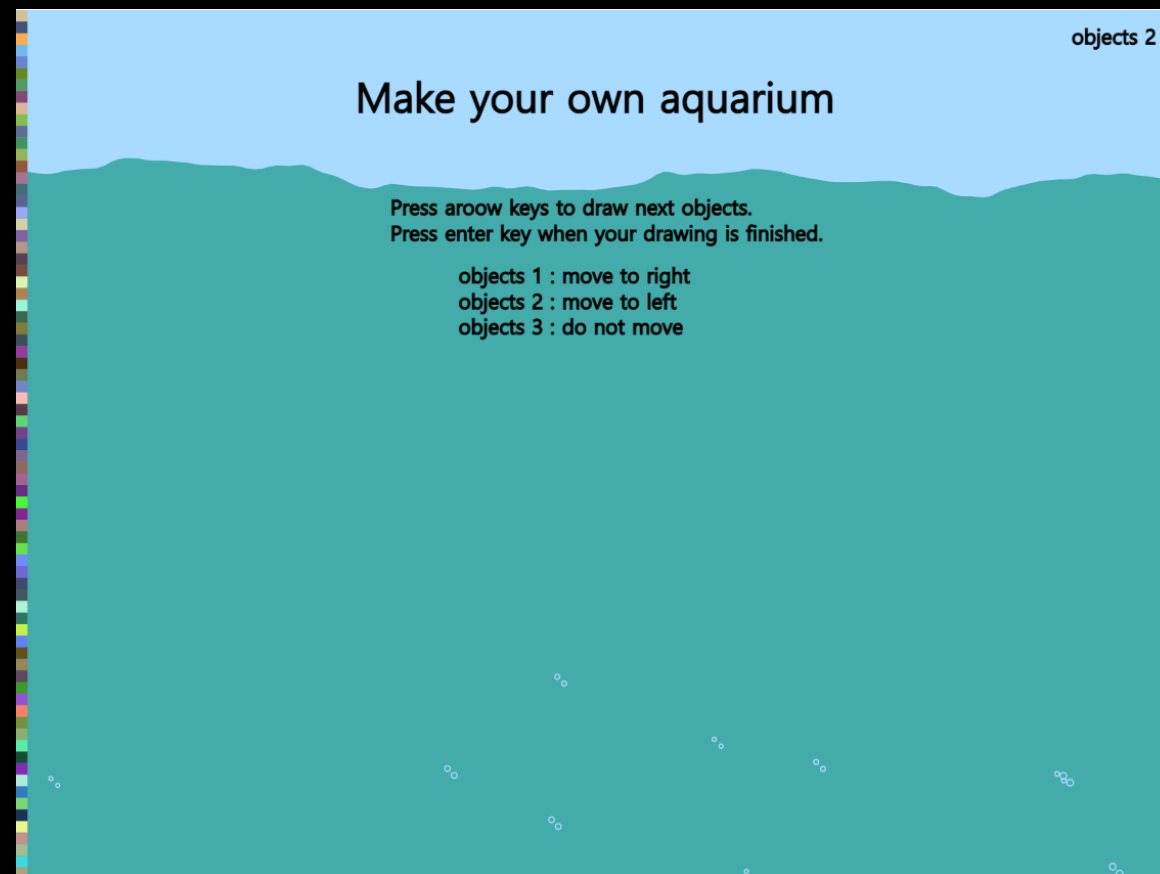video link : https://youtu.be/RHrfBzNUQoQ

edit link : https://editor.p5js.org/bsj5967/sketches/ssSR-MhLo
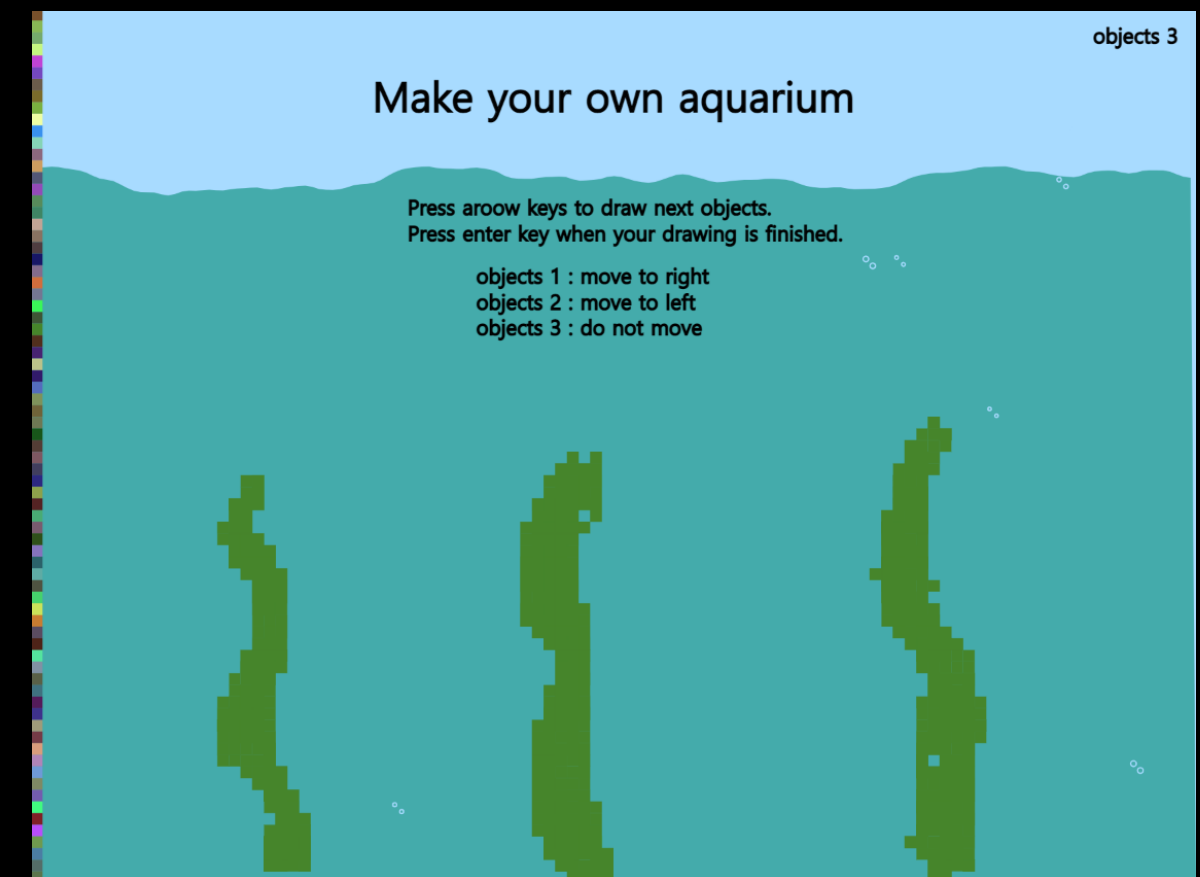
Features & Screenshots
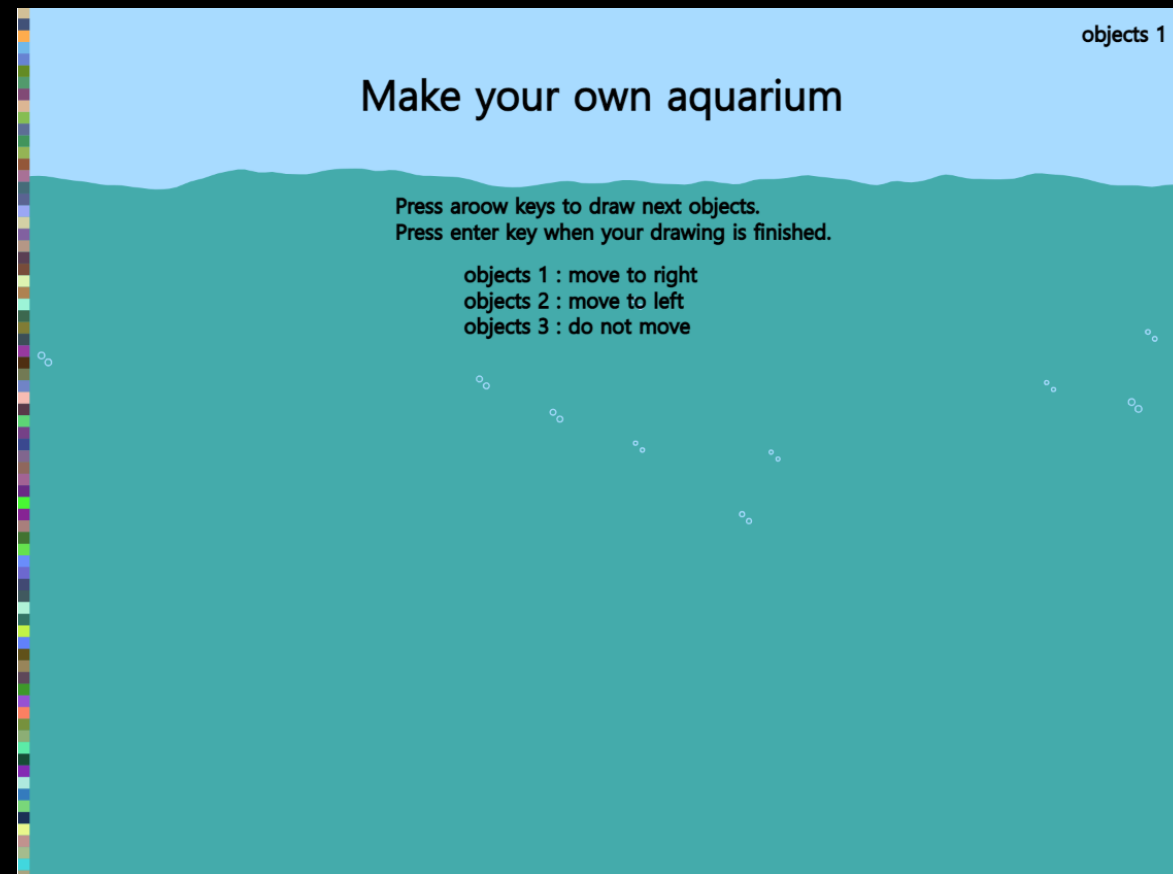
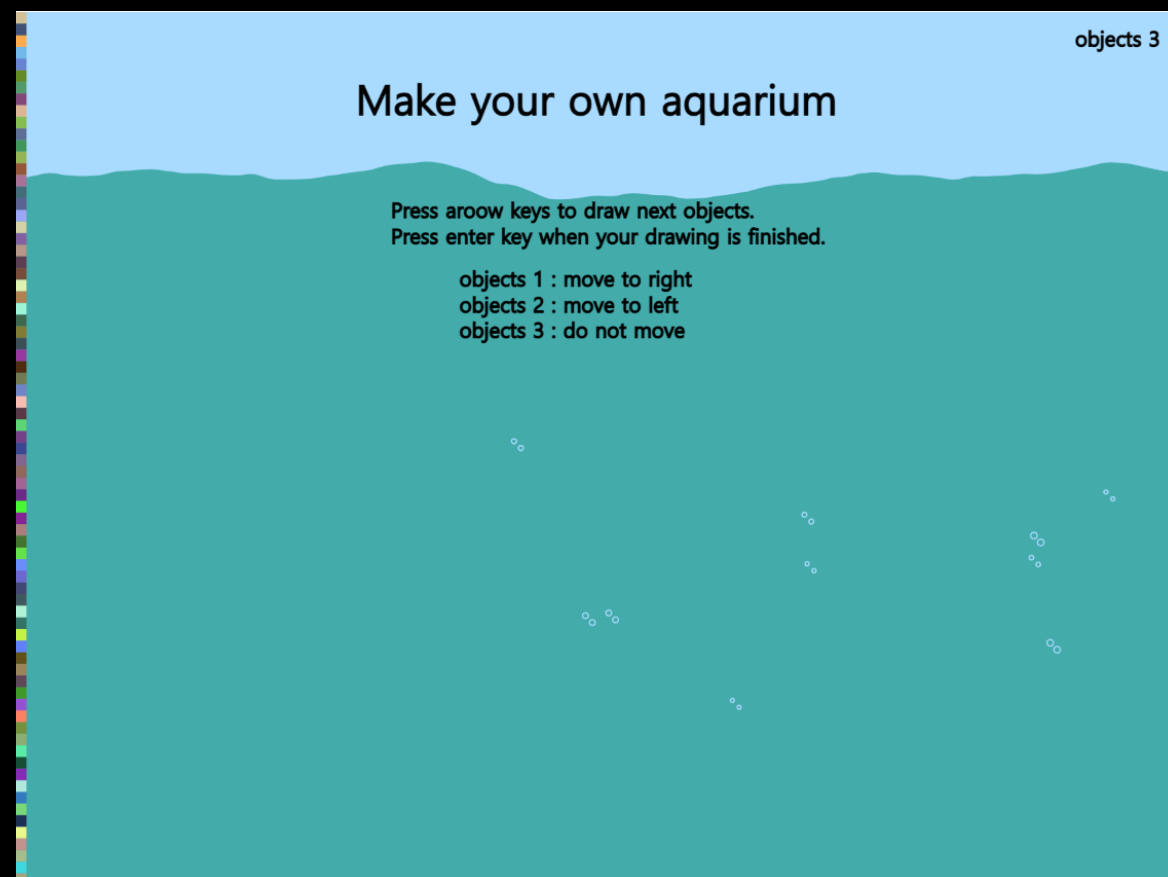User can draw the picture they want using the palette on the left. On the first screen, you can draw objects 1. Objects 1 will move to the right.

Features & Screenshots

User can draw objects2 by pressing the right_arrow key.
(User can go back to objects 1 by pressing the left_arrow key)
Objects 2 will move to the left.

Features & Screenshots

Users can draw immovable things such as rocks and seaweed.
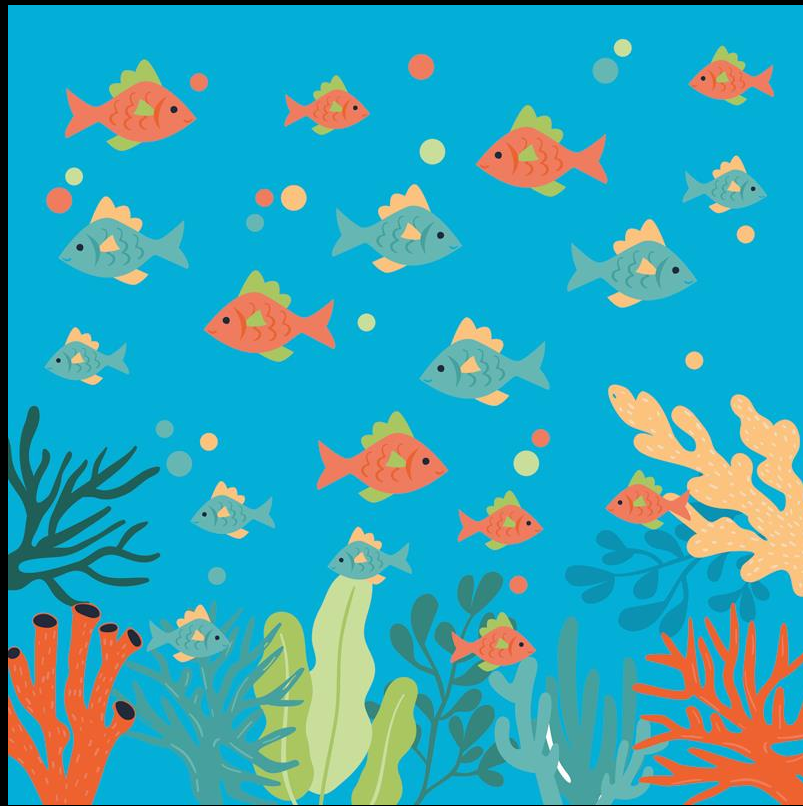
Features & Screenshots

Press enter key when all drawing is finished.
The objects move and the user can see their own aquarium.

Target Users - Children

Children can see the fish they drew moving in the aquarium. Children's creativity can increase.

Visual Concepts

Algorithms

Divide the screen evenly like a grid.

Save the location where the user pressed the mouse in frame 2[frameNum].

Form a random color and store the color of the location user pressed in frame 3-5[frameNum].

Draw rectangles like a pixel based on the information of frame2-5[frameNum].

right_arrow key is pressed

True

frameNum++

False

enter key is pressed

True

Draw rectangles of frameNum 1,2,3

make rectangles move